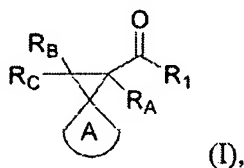


AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Currently Amended): A method of treating migraine, epilepsy, or bipolar disorder in a mammal comprising administering to a mammal a therapeutically effective amount of a compound of formula (I)



or a pharmaceutically acceptable prodrug thereof, wherein

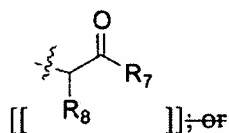
A is cyclohexyl optionally substituted with 1, 2, 3, or 4 alkyl groups ~~cycloalkyl or bicycloalkyl~~;

R_A, R_B, and R_C are independently hydrogen or alkyl;

~~R₁ is OR₂ or NR₃R₄;~~

~~R₂ is hydrogen, alkyl, aryl, arylalkyl, cycloalkyl, cycloalkylalkyl, heterocycle, or heterocyclealkyl;~~

~~R₃ and R₄ are independently hydrogen, alkenyl, alkyl, alkynyl, alkoxy, carbonylalkyl, aryl, arylalkyl, carboxyalkyl, cycloalkyl, cycloalkylalkyl, heterocycle, heterocyclealkyl, hydroxyalkyl, (NR₅R₆)alkyl, or (NR₅R₆)carbonylalkyl, or~~



~~R₃ and R₄ taken together with the nitrogen atom to which they are attached form a heterocycle wherein the heterocycle is azepanyl, azetidiny, aziridiny, morpholinyl, piperazinyl, piperidinyl, pyrrolidinyl, or thiomorpholinyl; and~~

~~R₅ and R₆ are independently hydrogen, alkenyl, alkyl, alkynyl, alkoxy carbonylalkyl, aryl, arylalkyl, cycloalkyl, cycloalkylalkyl, heterocycle, heterocyclealkyl, or hydroxyalkyl;~~

~~— R₇ is alkoxy, alkyl, hydroxy, or —NR₅R₆;~~

~~— R₈ is alkenyl, alkoxyalkyl, alkoxy carbonylalkyl, alkylthioalkyl, alkynyl, aryl, arylalkyl, carboxyalkyl, cycloalkyl, cycloalkylalkyl, heterocycle, heterocyclealkyl, hydroxyalkyl, mercaptoalkyl, (NR₅R₆)alkyl, (NR₅R₆)carbonylalkyl, or (CH₂)_nNHC(=NH)NH₂; and~~

~~— n is an integer from 1 to 6.~~

Claim 2 (Currently Amended): The method according to claim 1 wherein

~~A is cycloalkyl; and R₁ is OR₂.~~

Claim 3 (Currently Amended): The method according to claim 1 wherein

~~A is cycloalkyl wherein the cycloalkyl is cyclohexyl optionally substituted with 1, 2, 3, or 4 alkyl groups;~~

~~R₁ is OR₂; and~~

~~— R₂ is hydrogen.~~

Claim 4 (Original): The method according to claim 3 wherein the compound of formula (I) is

spiro[2.5]octane-1-carboxylic acid;

(1S)-spiro[2.5]octane-1-carboxylic acid;

(1R)-spiro[2.5]octane-1-carboxylic acid;

2-methylspiro[2.5]octane-1-carboxylic acid;

5,7-dimethylspiro[2.5]octane-1-carboxylic acid;

6-tert-butylspiro[2.5]octane-1-carboxylic acid;

(4S,7R)-4-isopropyl-7-methylspiro[2.5]octane-1-carboxylic acid; or

5,5,7,7-tetramethylspiro[2.5]octane-1-carboxylic acid.

Claims 5-9 (Canceled).

Claim 10 (Currently Amended): The method according to claim 1 wherein

Application No.: 10/691,095
Amendment Date: February 2, 2010
Reply to Office Action of September 2, 2009

~~A is cycloalkyl; and~~ R₁ is NR₃R₄.

Claim 11 (Currently Amended): The method according to claim 1 wherein

~~A is cycloalkyl wherein the cycloalkyl is cyclohexyl optionally substituted with 1, 2, 3, or 4 alkyl groups;~~

R₁ is NR₃R₄;

R₄ is hydrogen or (NR₅R₆)carbonylalkyl; and

R₃ is ~~R₅~~, and ~~R₆~~ are hydrogen.

Claim 12 (Original): The method according to claim 11 wherein the compound of formula (I) is

spiro[2.5]octane-1-carboxamide;

N-(2-amino-2-oxoethyl)spiro[2.5]octane-1-carboxamide;

(1S)-N-[(1S)-2-amino-1-methyl-2-oxoethyl]spiro[2.5]octane-1-carboxamide;

(1R)-N-[(1S)-2-amino-1-methyl-2-oxoethyl]spiro[2.5]octane-1-carboxamide;

(1S)-spiro[2.5]octane-1-carboxamide;

(1R)-spiro[2.5]octane-1-carboxamide;

2-methylspiro[2.5]octane-1-carboxamide;

N-(2-amino-2-oxoethyl)-2-methylspiro[2.5]octane-1-carboxamide;

5,7-dimethylspiro[2.5]octane-1-carboxamide;

N-(2-amino-2-oxoethyl)-5,7-dimethylspiro[2.5]octane-1-carboxamide;

6-tert-butylspiro[2.5]octane-1-carboxamide;

N-(2-amino-2-oxoethyl)-6-tert-butylspiro[2.5]octane-1-carboxamide;

(4S,7R)-4-isopropyl-7-methylspiro[2.5]octane-1-carboxamide;

(4S,7R)-N-(2-amino-2-oxoethyl)-4-isopropyl-7-methylspiro[2.5]octane-1-carboxamide;

N-(3-amino-3-oxopropyl)spiro[2.5]octane-1-carboxamide;

5,5,7,7-tetramethylspiro[2.5]octane-1-carboxamide; or

N-(2-amino-2-oxoethyl)-5,5,7,7-tetramethylspiro[2.5]octane-1-carboxamide.

Claim 13 (Original): The method according to claim 11 wherein the compound of formula (I) is

(1S)-N-(2-amino-2-oxoethyl)spiro[2.5]octane-1-carboxamide.

Claim 14 (Original): The method according to claim 11 wherein the compound of formula (I) is (1R)-N-(2-amino-2-oxoethyl)spiro[2.5]octane-1-carboxamide.

Claim 15 (Currently Amended): The method according to claim 1 wherein

~~A is cycloalkyl wherein the cycloalkyl is cyclohexyl optionally substituted with 1, 2, 3, or 4 alkyl groups;~~

R₁ is NR₃R₄;

R₄ is carboxyalkyl or hydroxyalkyl; and

R₃ is hydrogen.

Claim 16 (Original): The method according to claim 15 wherein the compound of formula (I) is

[(spiro[2.5]oct-1-ylcarbonyl)amino]acetic acid;

{[(1S)-spiro[2.5]oct-1-ylcarbonyl]amino}acetic acid;

{[(1R)-spiro[2.5]oct-1-ylcarbonyl]amino}acetic acid;

(1R)-N-[(2R)-2-hydroxypropyl]spiro[2.5]octane-1-carboxamide;

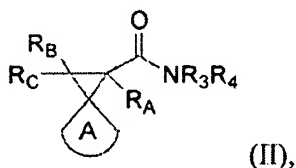
(1R)-N-[(2S)-2-hydroxypropyl]spiro[2.5]octane-1-carboxamide;

(1S)-N-[(2R)-2-hydroxypropyl]spiro[2.5]octane-1-carboxamide; or

(1S)-N-[(2S)-2-hydroxypropyl]spiro[2.5]octane-1-carboxamide.

Claims 17-25 (Canceled).

Claim 26 (Currently Amended): A compound of formula (II)



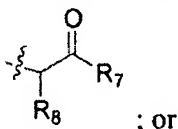
or a pharmaceutically acceptable prodrug thereof, wherein

A is ~~cyclohexyl cycloalkyl or bicycloalkyl~~ wherein the ~~cycloalkyl and bicycloalkyl~~ are optionally substituted with 1, 2, 3, or 4 alkyl groups;

R_A, R_B, and R_C are independently hydrogen or alkyl;

R₃ is alkenyl, alkynyl, alkoxycarbonylalkyl, carboxyalkyl, cycloalkyl, cycloalkylalkyl, heterocycle, heterocyclealkyl, hydroxyalkyl, (NR₅R₆)alkyl, or (NR₅R₆)carbonylalkyl;

R₄ is hydrogen, alkenyl, alkyl, alkynyl, alkoxycarbonylalkyl, carboxyalkyl, cycloalkyl, cycloalkylalkyl, heterocycle, heterocyclealkyl, hydroxyalkyl, (NR₅R₆)alkyl, or (NR₅R₆)carbonylalkyl, or



R₃ and R₄ taken together with the nitrogen atom to which they are attached form a heterocycle wherein the heterocycle is azepanyl, azetidiny, aziridiny, morpholiny, piperaziny, piperidiny, pyrrolidiny, or thiomorpholiny;

R₅ and R₆ are independently hydrogen, alkenyl, alkyl, alkynyl, alkoxycarbonylalkyl, aryl, arylalkyl, cycloalkyl, cycloalkylalkyl, heterocycle, or heterocyclealkyl;

R₇ is alkoxy, alkyl, hydroxy, or -NR₅R₆;

R₈ is alkenyl, alkoxyalkyl, alkoxycarbonylalkyl, alkylthioalkyl, alkynyl, aryl, arylalkyl, carboxyalkyl, cycloalkyl, cycloalkylalkyl, heterocycle, heterocyclealkyl, hydroxyalkyl, mercaptoalkyl, (NR₅R₆)alkyl, (NR₅R₆)carbonylalkyl, or -(CH₂)_nNHC(=NH)NH₂; and
n is an integer from 1 to 6.

Claim 27 (Canceled).

Claim 28 (Currently Amended). The compound according to claim 26 wherein

~~A is cycloalkyl wherein the cycloalkyl is cyclohexyl optionally substituted with 1, 2, 3, or 4 alkyl groups;~~

R₃ is (NR₅R₆)carbonylalkyl; and

R₄, R₅, and R₆ are hydrogen.

Claim 29 (Original). The compound according to claim 28 wherein the compound of formula (II) is

N-(2-amino-2-oxoethyl)spiro[2.5]octane-1-carboxamide;
(1S)-N-[(1S)-2-amino-1-methyl-2-oxoethyl]spiro[2.5]octane-1-carboxamide;
(1R)-N-[(1S)-2-amino-1-methyl-2-oxoethyl]spiro[2.5]octane-1-carboxamide;
N-(2-amino-2-oxoethyl)-2-methylspiro[2.5]octane-1-carboxamide;
N-(2-amino-2-oxoethyl)-5,7-dimethylspiro[2.5]octane-1-carboxamide;
N-(2-amino-2-oxoethyl)-6-tert-butylspiro[2.5]octane-1-carboxamide;
(4S,7R)-N-(2-amino-2-oxoethyl)-4-isopropyl-7-methylspiro[2.5]octane-1-carboxamide;
N-(3-amino-3-oxopropyl)spiro[2.5]octane-1-carboxamide; or
N-(2-amino-2-oxoethyl)-5,5,7,7-tetramethylspiro[2.5]octane-1-carboxamide.

Claim 30 (Original). The compound according to claim 28 wherein the compound of formula (II) is (1S)-N-(2-amino-2-oxoethyl)spiro[2.5]octane-1-carboxamide.

Claim 31 (Original). The compound according to claim 28 wherein the compound of formula (II) is (1R)-N-(2-amino-2-oxoethyl)spiro[2.5]octane-1-carboxamide.

Claim 32 (Currently Amended). The compound according to claim 26 wherein

~~A is cycloalkyl wherein the cycloalkyl is cyclohexyl optionally substituted with 1, 2, 3, or 4 alkyl groups;~~

R₃ is carboxyalkyl or hydroxyalkyl; and

R₄ is hydrogen.

Claim 33 (Original). The compound according to claim 32 wherein the compound of formula (II) is

[(spiro[2.5]oct-1-ylcarbonyl)amino]acetic acid;
{[(1S)-spiro[2.5]oct-1-ylcarbonyl]amino}acetic acid;
{[(1R)-spiro[2.5]oct-1-ylcarbonyl]amino}acetic acid;
(1R)-N-[(2R)-2-hydroxypropyl]spiro[2.5]octane-1-carboxamide;

Application No.: 10/691,095
Amendment Date: February 2, 2010
Reply to Office Action of September 2, 2009

(1S)-N-[(2R)-2-hydroxypropyl]spiro[2.5]octane-1-carboxamide;
(1R)-N-[(2S)-2-hydroxypropyl]spiro[2.5]octane-1-carboxamide; or
(1S)-N-[(2S)-2-hydroxypropyl]spiro[2.5]octane-1-carboxamide.

Claims 34-39 (Canceled).